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ABSTRACT

To provide an optical disk drive having an enhanced replaying capability in case of an abnormality occurring in various kinds of synchronization of the optical disk drive or in replay of a defective sector.

A frame synchronization counter value address translation decoder 202, low order ID address translation decoder 203, adder/subtractor 204, high order ID address translation decoder 205, and adder 206 are used to translate information read from an optical disk medium into an absolute storage address in a storage medium, and thus data that is highly replayed can be stored in the storage medium.